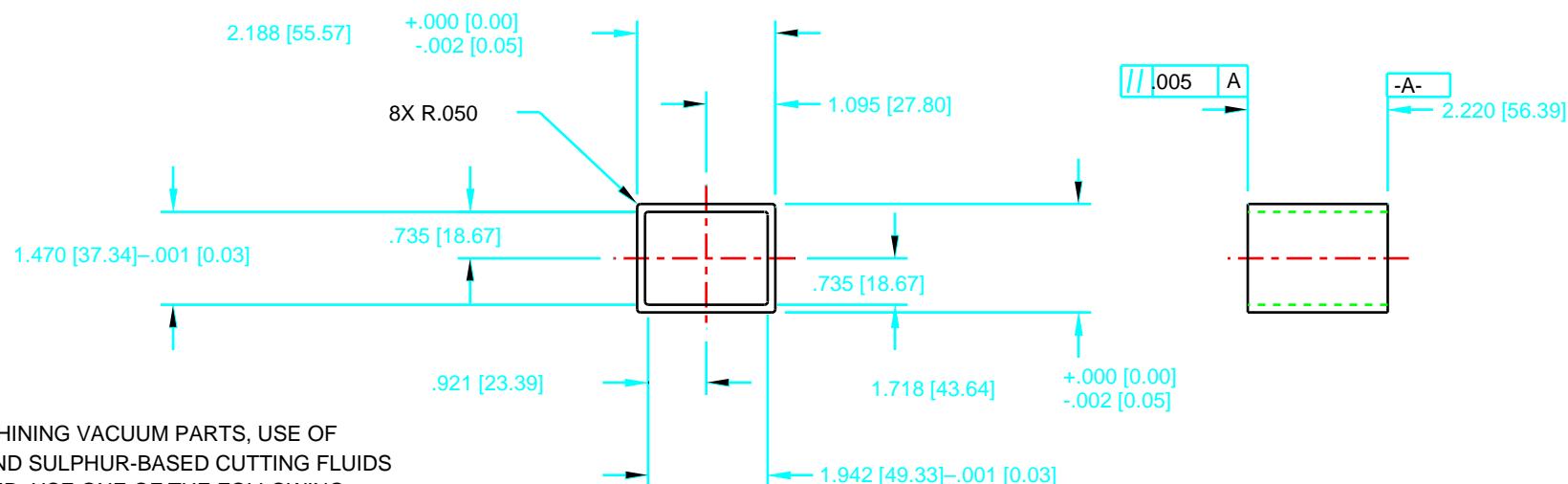


(B)

PLOT SCALE: .5=1

DWG. SCALE: 2

A17860



NOTES:

1. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
A) CIMCOOL 5 STAR 49
B) TRIM SOL
2. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART MUST GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
3. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
4. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: LOG NUMBER ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .X ±.03 [0.7620] .XX ±.01 [0.25] .XXX ±.005 [0.127] ANGULAR .25 ° SURFACE ROUGHNESS 125 ✓ REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5 DO NOT SCALE DRAWING		THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY ADVANCED PHOTON SOURCE MI APS I.D. FRONT END 1-ST FIXED MASK RECTANGULAR EXTENSION TUBE		
A17860		DRAWN BY MUSCIA	DATE 4/8/94	CHIEF DESIGN ENGINEER
		CHECKED BY		GP LEADER
		DESIGNER SHU/MUSCIA		PROJECT MGR.
		RESPONSIBLE ENGINEER		APPROVED/RELEASED
MATERIAL 304 STAINLESS STEEL		SCALE HALF	SIZE B	DRAWING NUMBER P4102010101-310003-00
SHEET 1 of 1				